

What is Claimed:

Subpt 1 1. A ground connector for use with an associated distribution transformer which comprises:

a base, said base having a spade connector defining an opening and comprising a fixed jaw and a first guide portion; and

a movable member, said movable member defining a receiving cavity and comprising a movable jaw and a second guide portion, said cavity receiving said first guide portion wherein said first guide portion and said second guide portion are configured for sliding engagement to guide longitudinal movement of said movable member with respect to said base to form a vise-type clamp; and

securement means for securing said base and movable member so that when a cable is received between said fixed jaw and said movable jaw, said jaws are securely clampable against said cable.

2. The ground connector of claim 1, wherein one of said first and second guide portions includes a pair of transversely spaced longitudinally extending ribs.

3. The ground connector of claim 2, wherein the other of said first and second guide portions has a pair of transversely spaced channels dimensioned and configured for sliding engagement with said ribs.

4. The ground connector of claim 3, wherein said first guide portion has ribs and said second guide portion has channels.

5. The ground connector of claim 1, wherein said securement means comprises a first bolt engagable with said movable member and threadably engaged to said base.

6. The ground connector of claim 1, wherein said fixed jaw and said movable jaw are each defined by a pair of intersecting surfaces which extend transversely to the longitudinal movement of said movable member.

7. The ground connector of claim 1, wherein said movable member defines a longitudinal axis, said spade connector defining a plane parallel to said axis.

8. The ground connector of claim 1, wherein said movable member defines a longitudinal axis, said spade connector defining a plane orthogonal to said axis.

9. A ground connector installation comprising:
a distribution transformer having a generally cylindrical shaped housing and having a ground connecting means;
a base, said base having a spade connector defining an opening and comprising a fixed jaw and a first guide portion;
a movable member, said movable member defining a receiving cavity and comprising a movable jaw and a second guide portion, said cavity receiving said first guide portion wherein said first guide portion and said second guide portion are configured for sliding engagement to guide longitudinal movement of said movable member with respect to said base to form a vise-type clamp;

securement means for securing said base and movable member so that when a cable is received between said fixed jaw and said movable jaw, said jaws are securely clampable against said cable; and

42 a bolt extending through said opening into said ground connecting means for mounting said base to said transformer.

10. The installation of claim 9, further comprising a cable secured in said clamp.

11. The installation of claim 10, wherein said cable includes a portion secured in said clamp which portion is tangential to said transformer housing.

53 12. The ground connector of claim 3, wherein said first guide portion has ribs and said second guide portion has cooperating channels.

13. The installation of claim 9, wherein said ground connecting means is a nut welded to said housing.

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